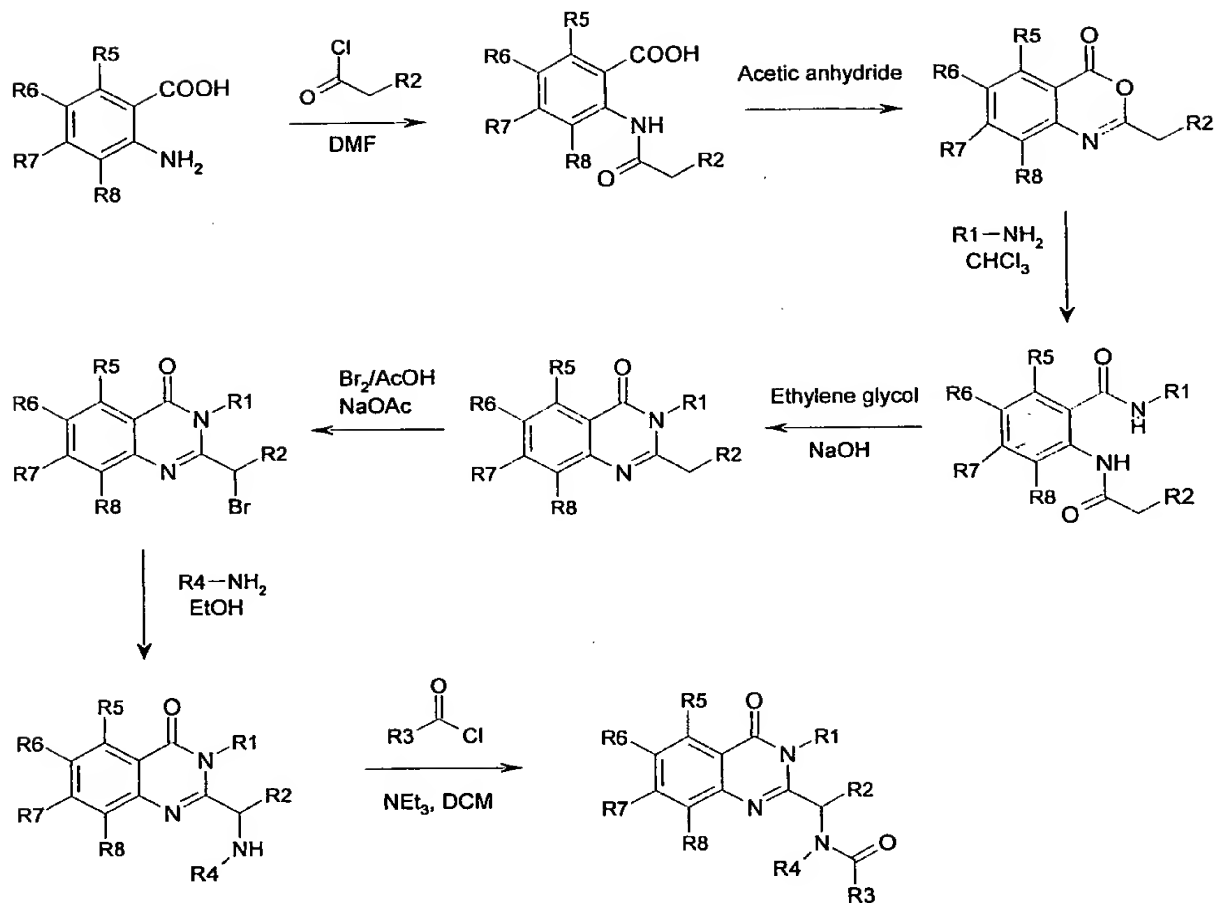


Figure 1

5



Butyryl chloride
DMF

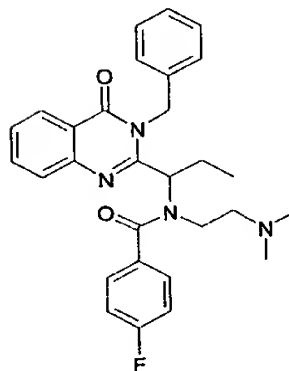
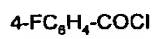
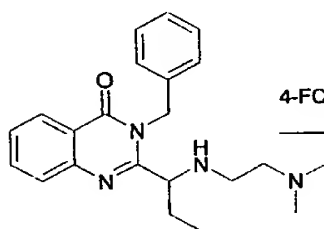
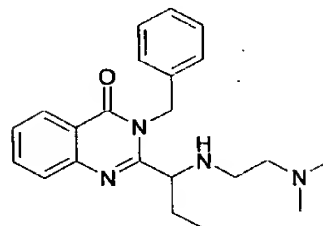
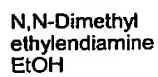
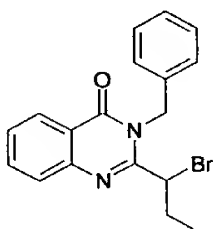
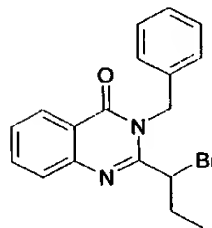
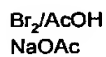
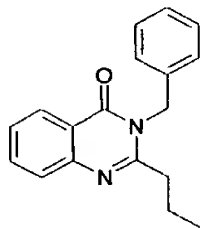
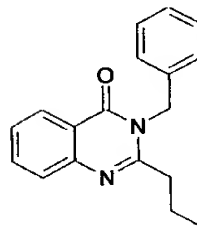
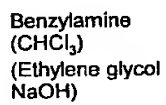
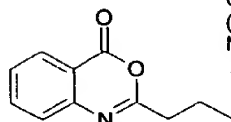
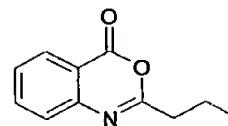
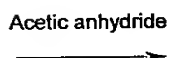
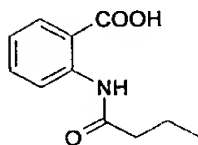
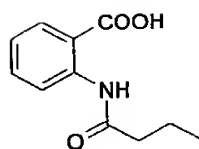
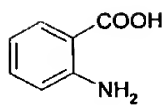


Figure 3.6.6

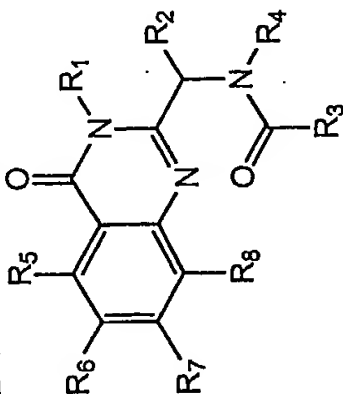
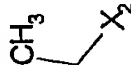
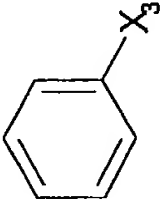
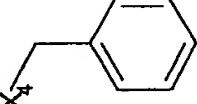
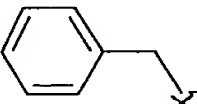
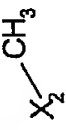
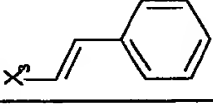
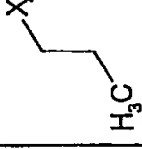
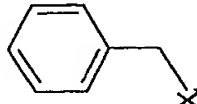

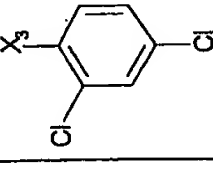
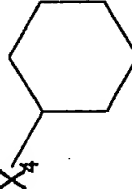
								
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
						Cl-X ₇		%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Table 1 Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Table 1: Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Table 1 Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Table 1 Figure 3 (continued)

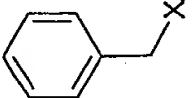

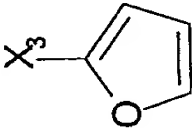
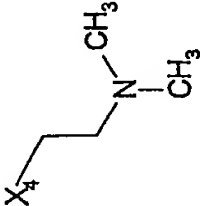
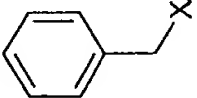

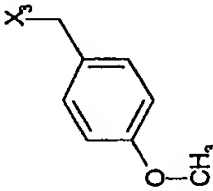
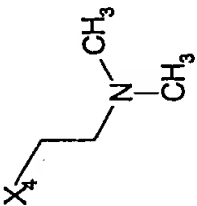
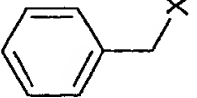

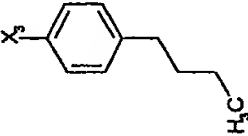
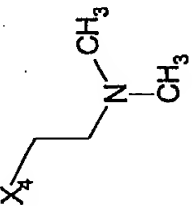
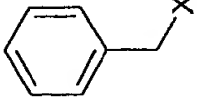

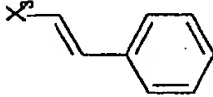
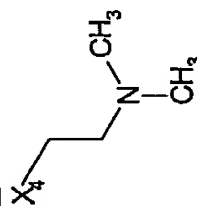
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Table 1. Figure 3 (continued)

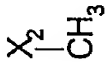
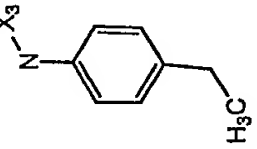
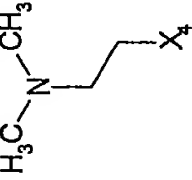

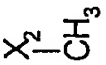
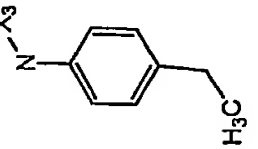
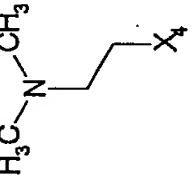

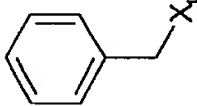
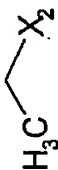
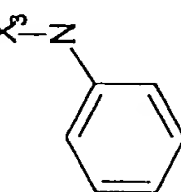
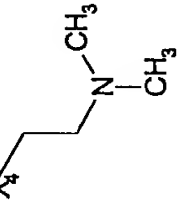
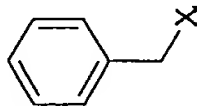

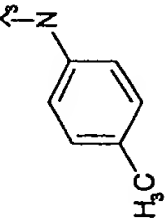
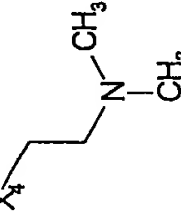
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Table 1. Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
	$\text{H}_3\text{C}-\text{X}_2$							%I > 35% @ 40 uM
	$\text{H}_3\text{C}-\text{X}_2$							%I > 35% @ 40 uM
	$\text{H}_3\text{C}-\text{X}_2$							%I > 35% @ 40 uM
	$\text{H}_3\text{C}-\text{X}_2$							%I > 35% @ 40 uM
	$\text{H}_3\text{C}-\text{X}_2$							%I > 35% @ 40 uM

Table 1. Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
	H ₃ C-X ₂							%I > 35% @ 40 uM
	H ₃ C-X ₂							%I > 35% @ 40 uM
	H ₃ C-X ₂							%I > 35% @ 40 uM
	H ₃ C-X ₂							%I > 35% @ 40 uM
	X ₂ -CH ₂ -CH ₃							%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Table 1: Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Table 1. Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Table 1: Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)


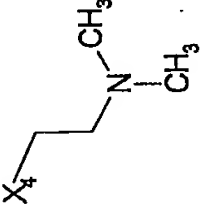
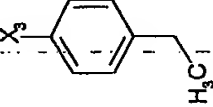
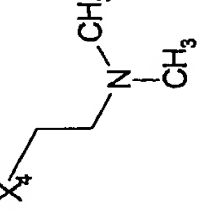
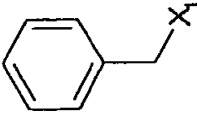
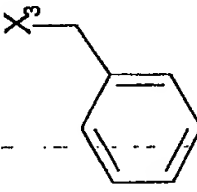
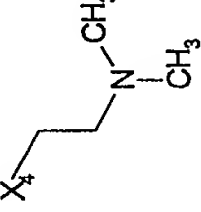
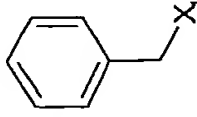
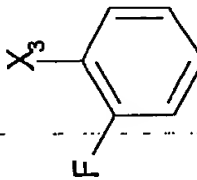
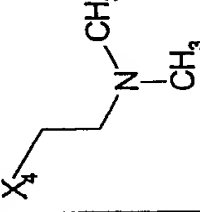
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
$\text{H}_3\text{C}-\text{X}_1$	$\text{H}_3\text{C}-\text{X}_2$					X_7-Cl		%I > 35% @ 40 uM
$\text{H}_3\text{C}-\text{X}_1$	$\text{H}_3\text{C}-\text{X}_2$					X_7-Cl		%I > 35% @ 40 uM
	$\text{H}_3\text{C}-\text{X}_2$							%I > 35% @ 40 uM
	$\text{H}_3\text{C}-\text{X}_2$							%I > 35% @ 40 uM

Figure 3 (continued)

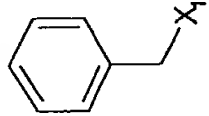

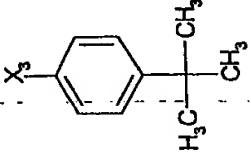
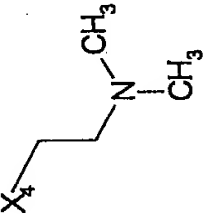
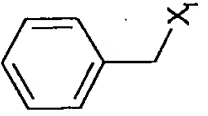

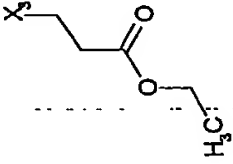
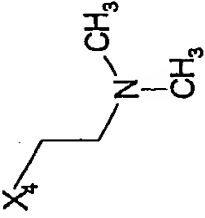
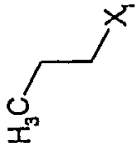

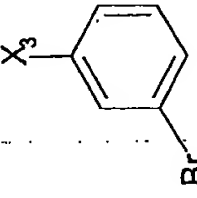
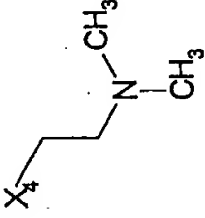
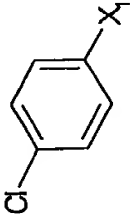
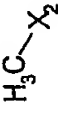
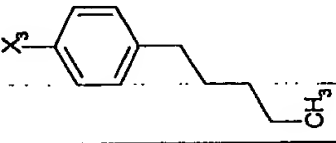
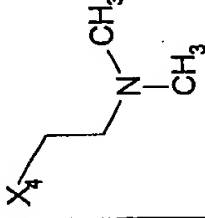
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
	$\text{H}_3\text{C}-\text{X}_2$							%I > 35% @ 40 uM
	$\text{H}_3\text{C}-\text{X}_2$							%I > 35% @ 40 uM
	$\text{X}_2-\text{CH}_2\text{CH}_3$							%I > 35% @ 40 uM
	$\text{H}_3\text{C}-\text{X}_2$							%I > 35% @ 40 uM
	$\text{H}_3\text{C}-\text{X}_2$							%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

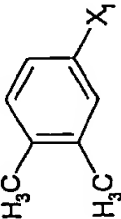

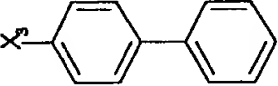
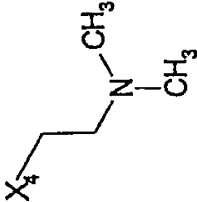
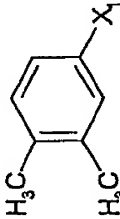

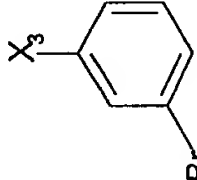
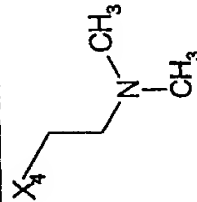
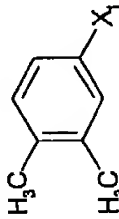
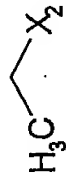
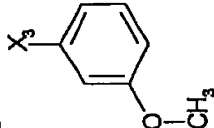
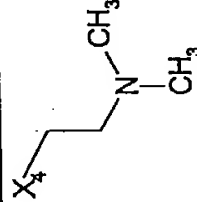
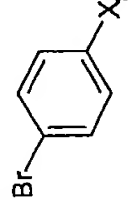
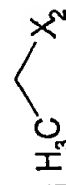
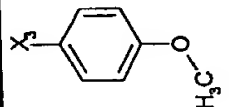
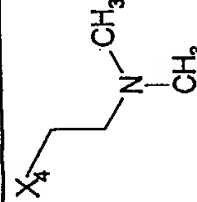
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

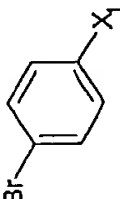


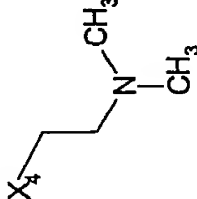
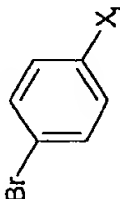

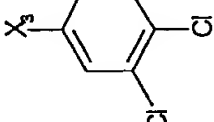
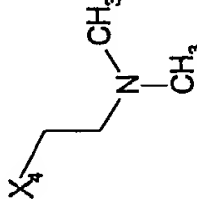
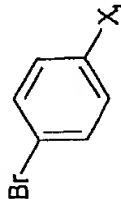

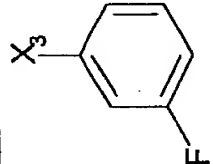
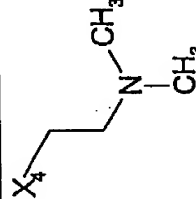
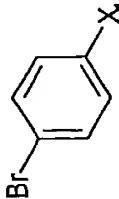

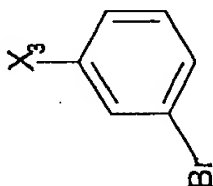
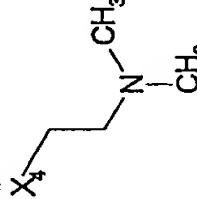
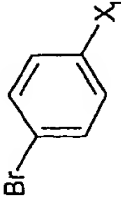

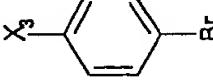
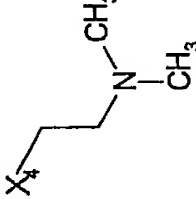
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)
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R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

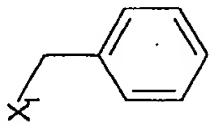
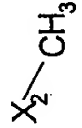
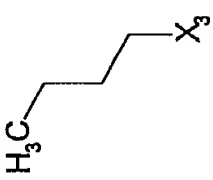
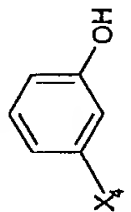
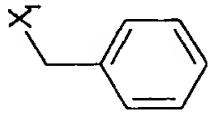

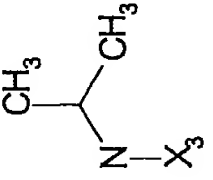
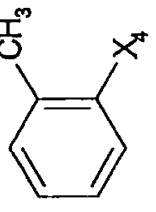
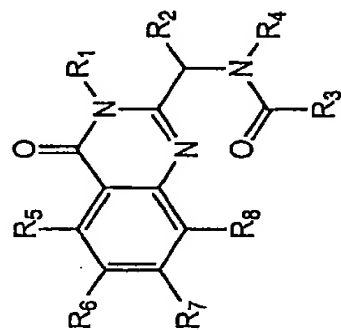
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)



R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC ₅₀ < 100 nM
								IC ₅₀ < 100 nM
								IC ₅₀ < 100 nM
								IC ₅₀ < 100 nM
								IC ₅₀ < 100 nM

Figure 3 (continued)
 000011-000000

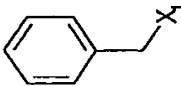
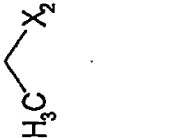

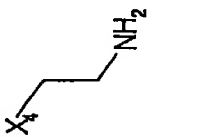

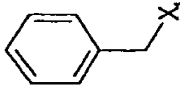
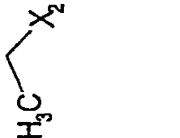
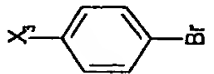
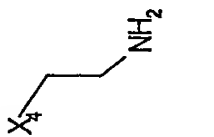

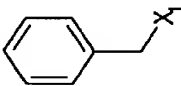
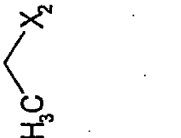
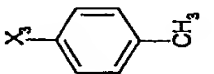
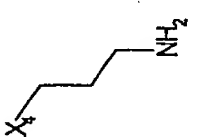

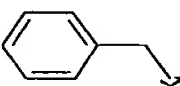
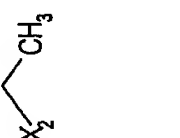
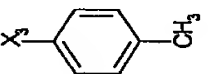
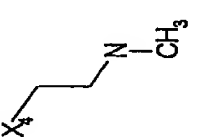

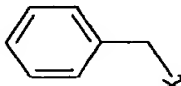
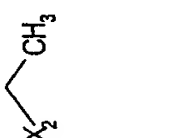
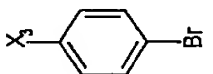
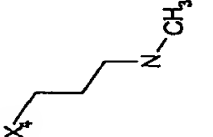

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)
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R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)
continued

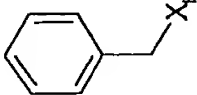

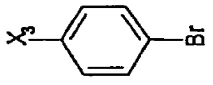
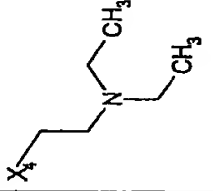

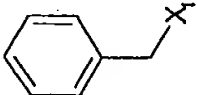

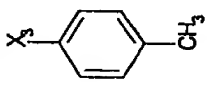
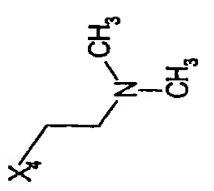

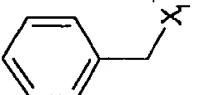

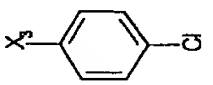
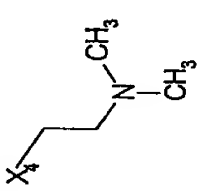

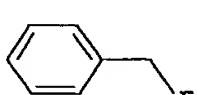

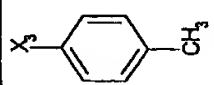
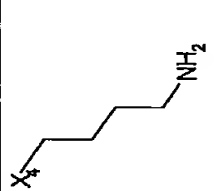

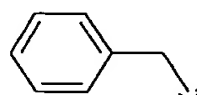

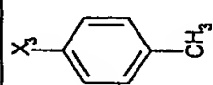
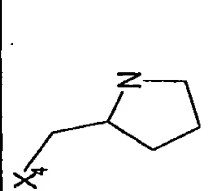

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)
000011-044n260

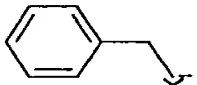

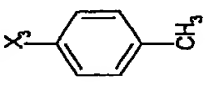
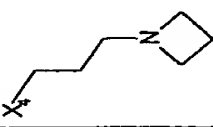

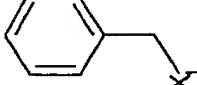

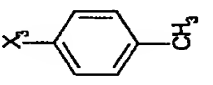
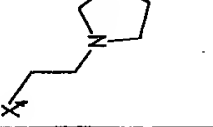

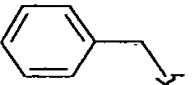

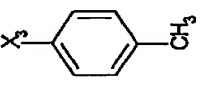
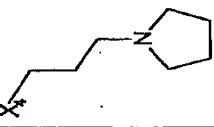

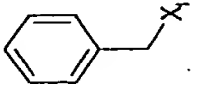

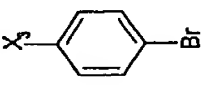


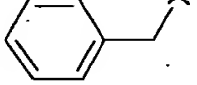

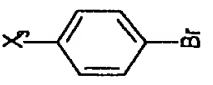
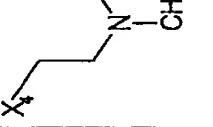

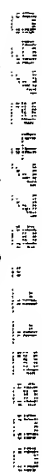
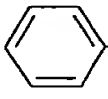

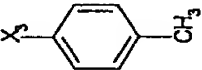
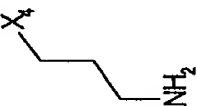

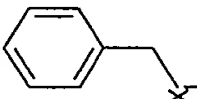


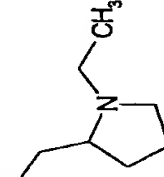

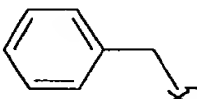


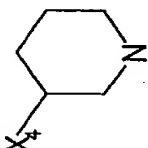

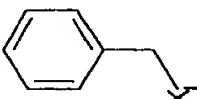


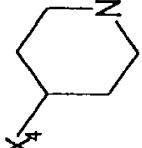

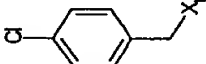

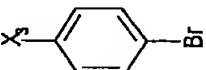
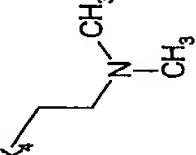

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)



R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC ₅₀ < 100 nM
								IC ₅₀ < 100 nM
								IC ₅₀ < 100 nM
								IC ₅₀ < 100 nM
								IC ₅₀ < 100 nM

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
0	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

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R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

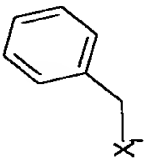

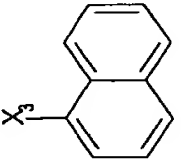
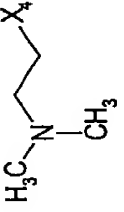

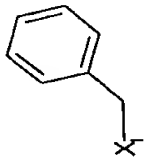

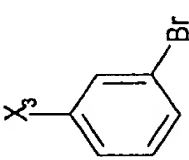
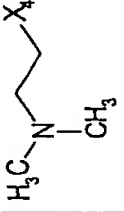

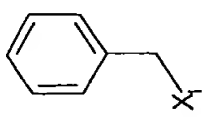

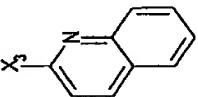
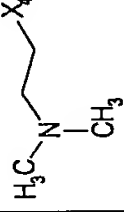

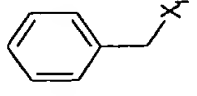


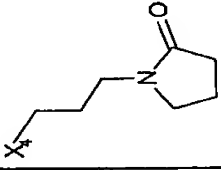

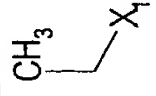

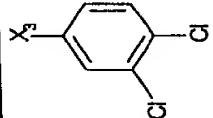
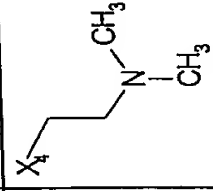

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

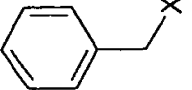


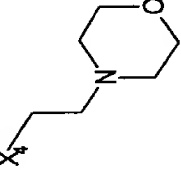

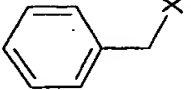

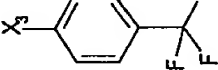
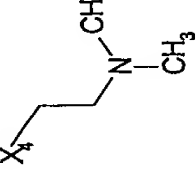

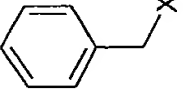

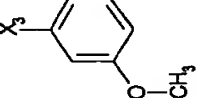
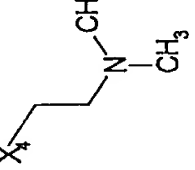

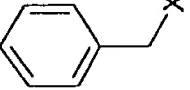

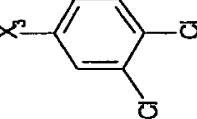
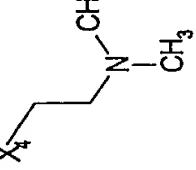

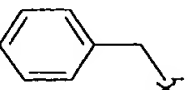

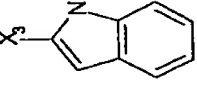
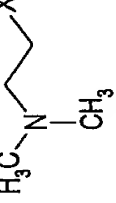

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 μ M
								IC50 = 100 nM-1 μ M
								IC50 = 100 nM-1 μ M
								IC50 = 100 nM-1 μ M
								IC50 = 100 nM-1 μ M

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Table 1. Figure 3 (continued).

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC ₅₀ = 100 nM-1 μM
								IC ₅₀ = 100 nM-1 μM
								IC ₅₀ = 100 nM-1 μM
								IC ₅₀ = 100 nM-1 μM
								IC ₅₀ = 100 nM-1 μM

CC-001 Figure 3 (continued) 60

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

002 Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Table 1 Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Table 1: Figure 3:(continued). 60

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Table 1. Figure 3 (continued).

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 1 uM-10 uM

Table 1. Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC ₅₀ = 1 μM-10 μM
								IC ₅₀ = 1 μM-10 μM
								IC ₅₀ = 1 μM-10 μM
								IC ₅₀ = 1 μM-10 μM
								IC ₅₀ = 1 μM-10 μM

Table 1. Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 μ M-10 μ M
								IC50 = 1 μ M-10 μ M
								IC50 = 1 μ M-10 μ M
								IC50 = 1 μ M-10 μ M

Table 1: Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 μ M-10 μ M
								IC50 = 1 μ M-10 μ M
								IC50 = 1 μ M-10 μ M
								IC50 = 1 μ M-10 μ M

Table 1 Figure 3 (continued)

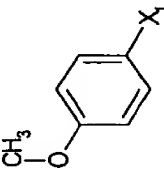
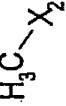
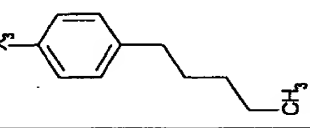
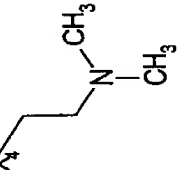

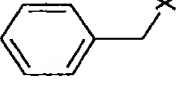

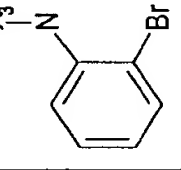
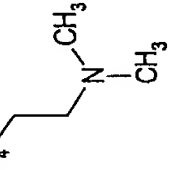
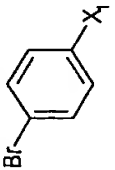

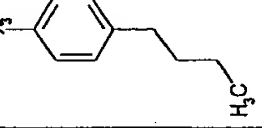
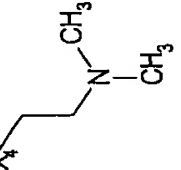
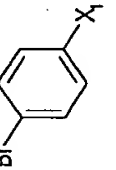
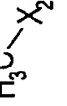
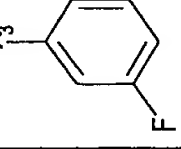
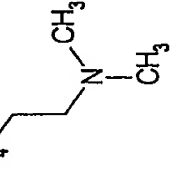
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Table 1 Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Table 1: Figure 3. (continued)

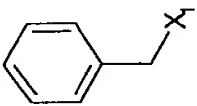

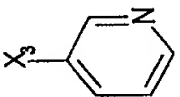
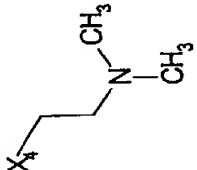

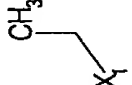

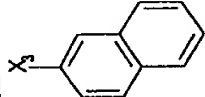
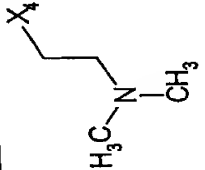

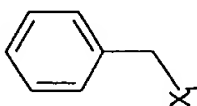

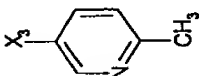
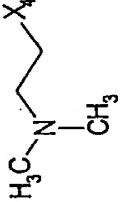

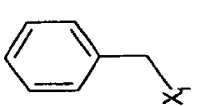

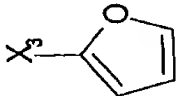
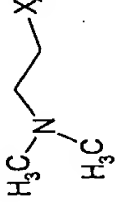

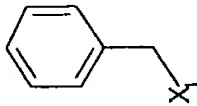

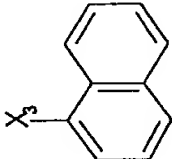
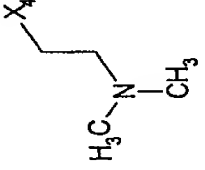
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Table 1 Figure 3 (continued)

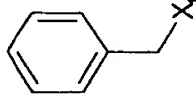

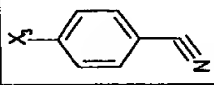


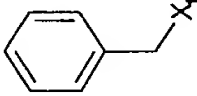

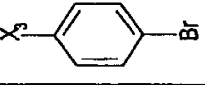

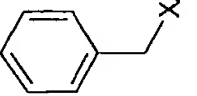
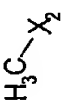
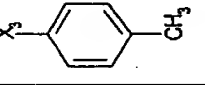
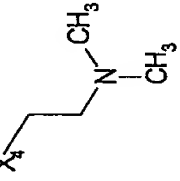
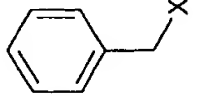

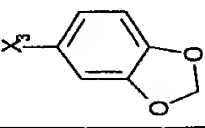
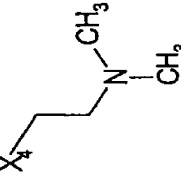
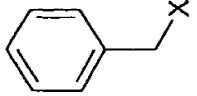

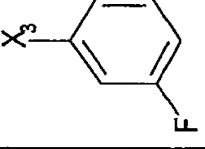
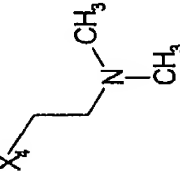
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Figure 3. (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

00001 Figure 3 (continued) 60

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Table 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Table 1 Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Table 1: Figure 3 (continued)

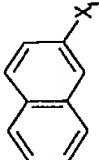
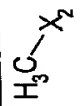

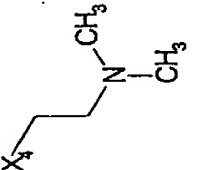
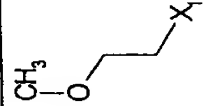


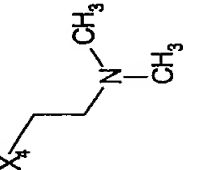
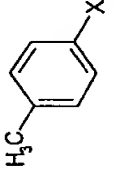
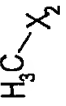
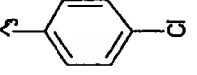
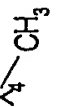

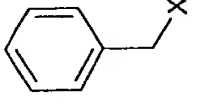
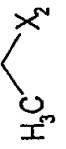
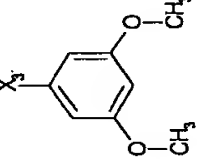
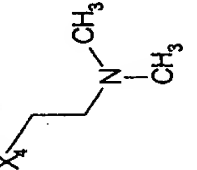
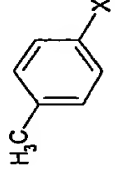


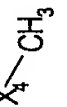

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Table 1 Figure 3 (continued) 60

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Table 1. Figure 3 (continued)

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Table 1 Figure 3 (continued) 60

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Figure 3 (continued)

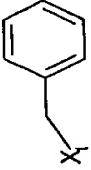
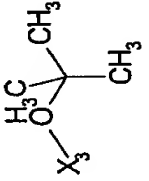
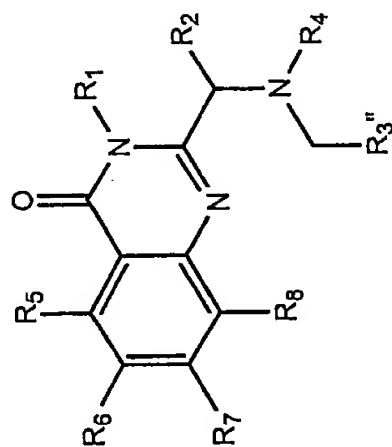
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								IC50 = 10 uM-50 uM

Figure 3 (continued)



R ₁	R ₂	R _{3''}	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								K _i < 100 nM
								K _i < 100 nM
								K _i < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃ "	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

Figure 3 (continued)

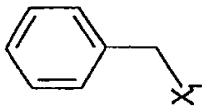

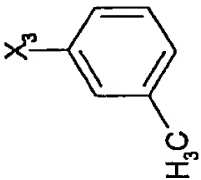
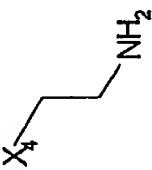

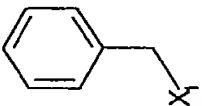

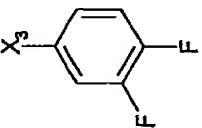
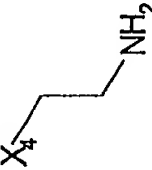

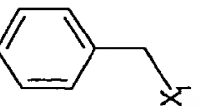

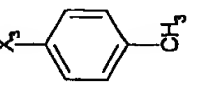
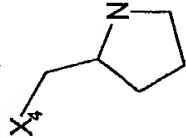

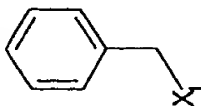

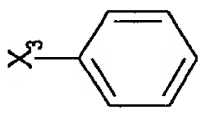
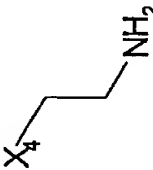

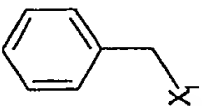

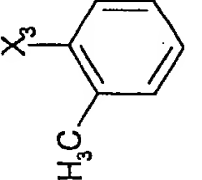
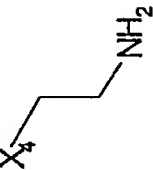

R ₁	R ₂	R ₃ "	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								KI < 100 nM
								KI < 100 nM
								KI < 100 nM
								KI < 100 nM
								KI < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃ ^{''}	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

Figure 3 (continued)
continued

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃ ^{''}	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								K _i < 100 nM
								K _i < 100 nM
								K _i < 100 nM
								K _i < 100 nM
								K _i < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃ ^{''}	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

Figure 3 (continued)

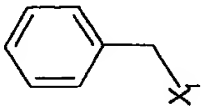

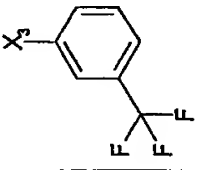
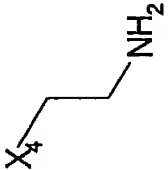

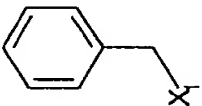

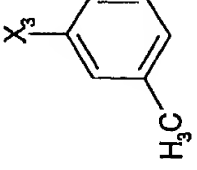
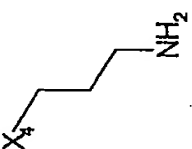

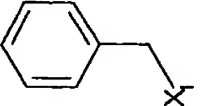

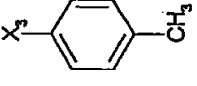
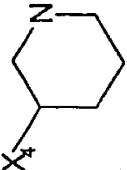

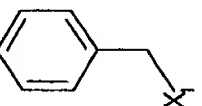

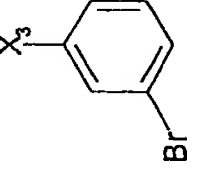
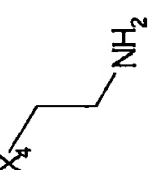

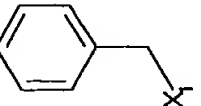

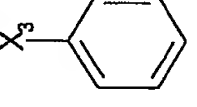
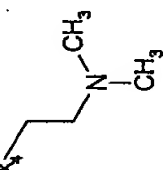

R ₁	R ₂	R ₃ "	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

Figure 3 (continued)

R ₁	R ₂	R ₃ "	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

Figure 3 (continued)
 000000-000000

R ₁	R ₂	R ₃ "	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki = 100 nM-1 uM
								Ki = 100 nM-1 uM

Figure 3 (continued)

R ₁	R ₂	R ₃ "	R ₄	R ₅	R ₆	R ₇	R ₈	Activity
								K _i = 100 nM-1 μ M
								K _i = 100 nM-1 μ M
								K _i = 100 nM-1 μ M
								K _i = 1 μ M-10 μ M
								K _i = 1 μ M-10 μ M

Figure 4: Asymmetric Synthesis

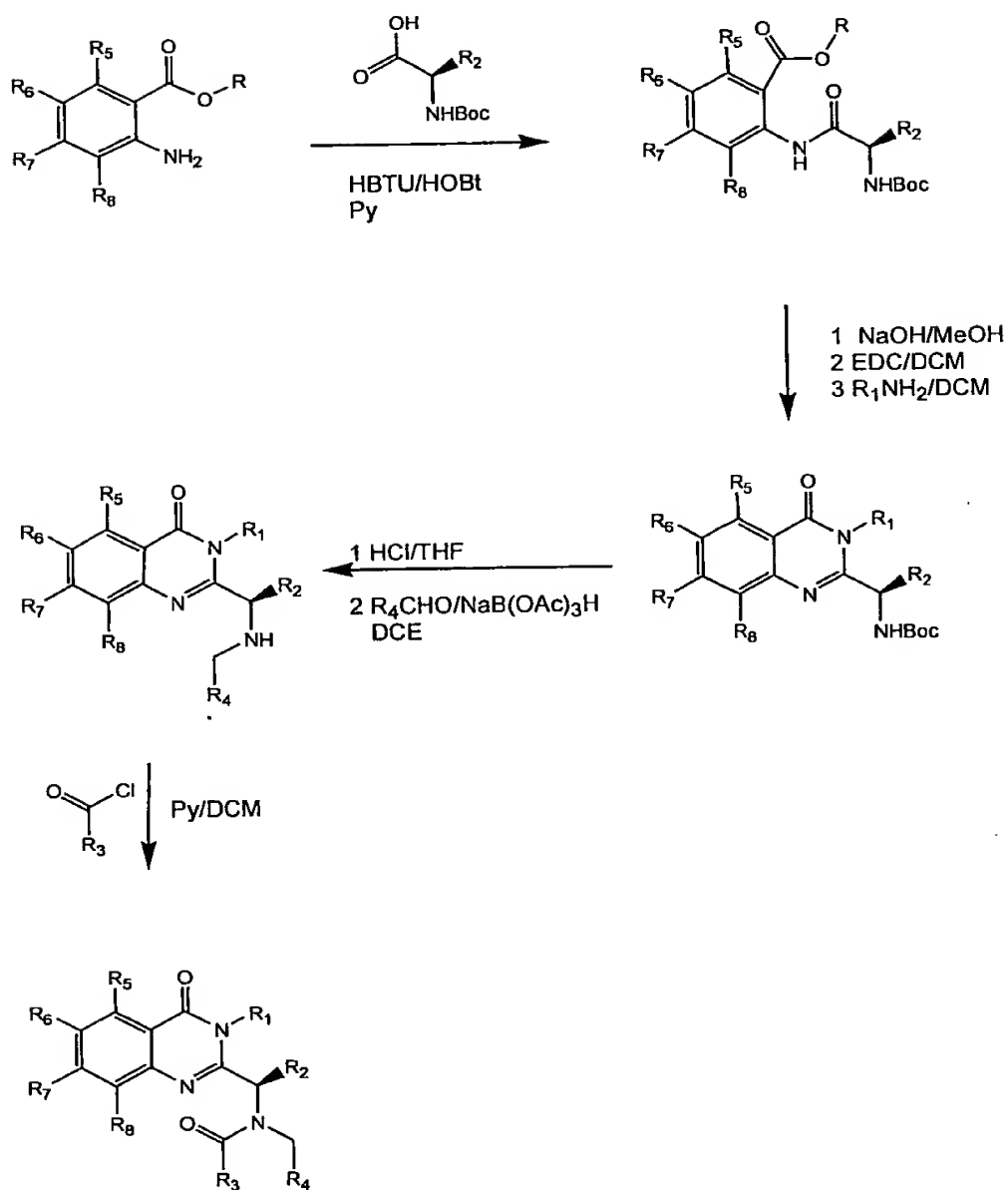
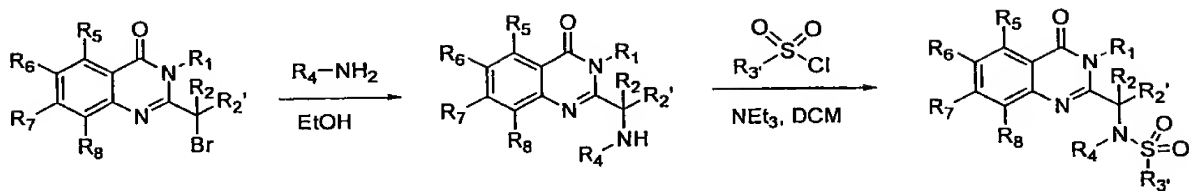


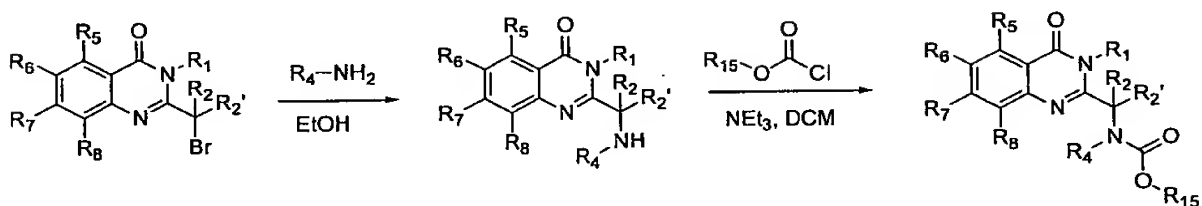
Figure 5

Figure 5a: Sulfonamide Synthesis



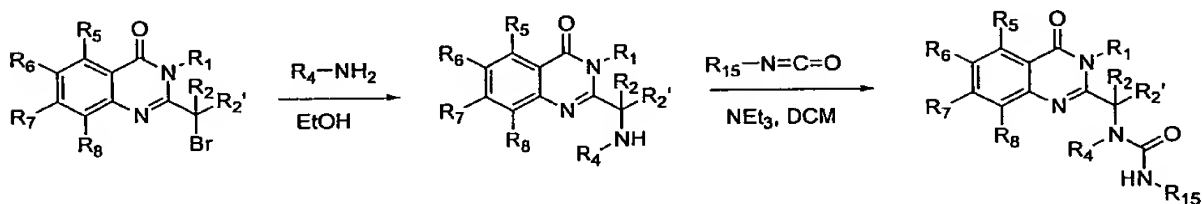
5

Figure 5b: Carbamate Synthesis



10

Figure 5c: Urea Synthesis



15

Figure 5d: Primary and Secondary Amine R4 Synthesis

